



# FEMA



Prepared by:  
*Jennifer McNatt*

# FEMA Region 6 Weather Threat Briefing

Sunday, June 17, 2018

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

## Today

- Isolated heavy rain/flash flooding remains possible over **W TX** this morning.
- Some isolated heavy rain is possible along the **TX Coast** into the **SW** and **Central LA Coast** late tonight into **Monday morning**.

## Monday

- Isolated heavy rain/flash flooding possible along **TX Coast**.

## Tuesday - Thursday

- Areas of heavy rain/flash flooding remain possible from **S TX** through the **Central TX Coast**.

## Tropical Outlook

- The combination of a surface trough and an upper level low pressure system is producing a large but disorganized area of showers and thunderstorms over the **W-Central Gulf of Mexico**. This system is producing strong gusty winds over the **N & NW Gulf**. Environmental conditions do not support significant development, however, heavy rains and gusty winds are likely to continue across the **NW Gulf of Mexico** today. This activity will reach portions of the **TX** and **SW LA** coasts later today.
  - Formation chance through 48 hours...low...**20%**.
  - Formation chance through 5 days...low...**20%**.

# FEMA Region 6 Threat Matrix

June 17 2018 – June 21, 2018



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DAY /THREAT	SUN	MON	TUE	WED	THU
Severe Storms					
Heavy Rain / Flash Flooding	AM – WTX	TX Coast	STX, Central TX Coast	STX, Central TX Coast	STX, Central TX Coast
	Later - TX Coast, SW & Central LA Coast				
Fire Weather					
Tropical Weather					
River Flooding		Coastal TX	STX Coast	STX	STX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

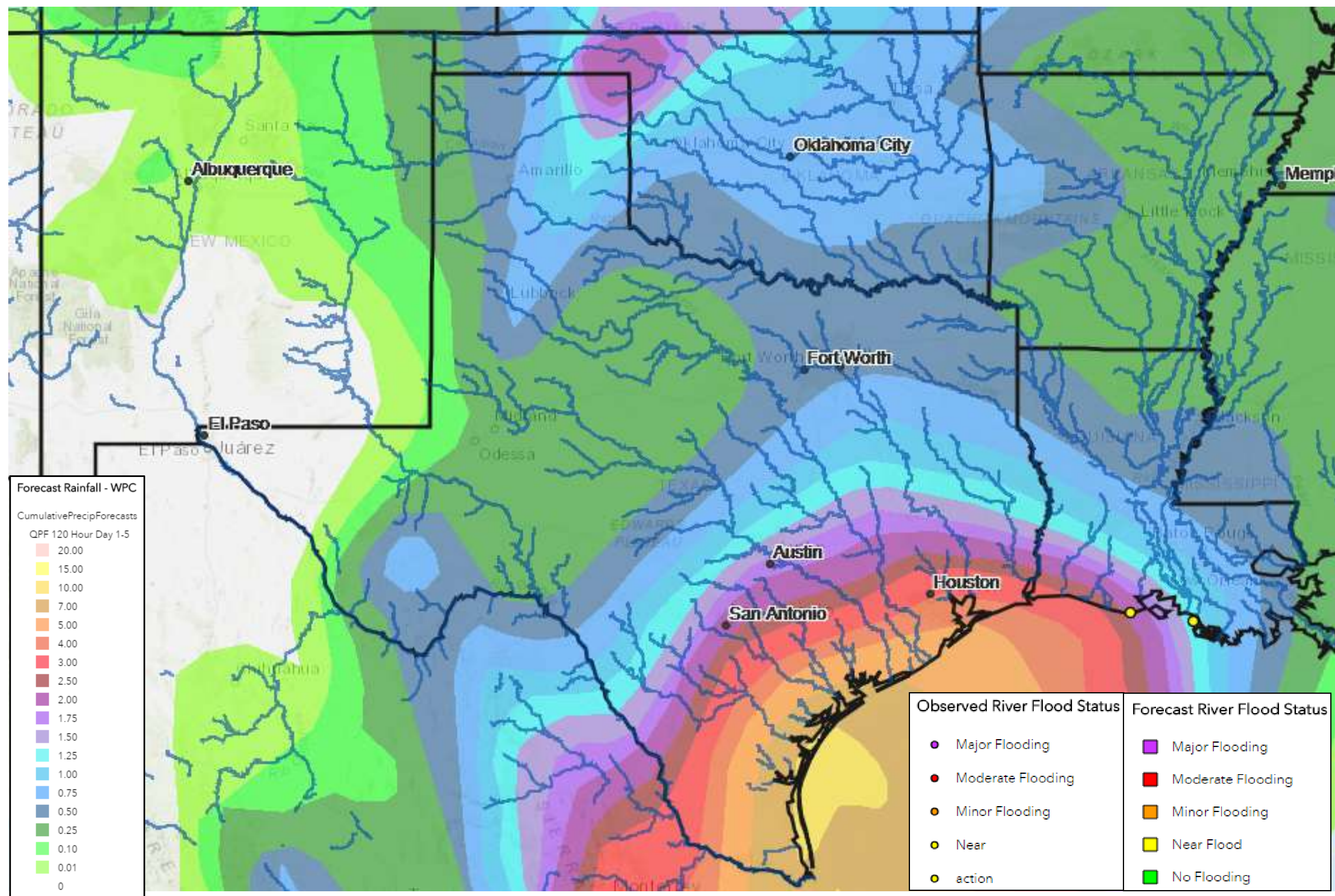


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



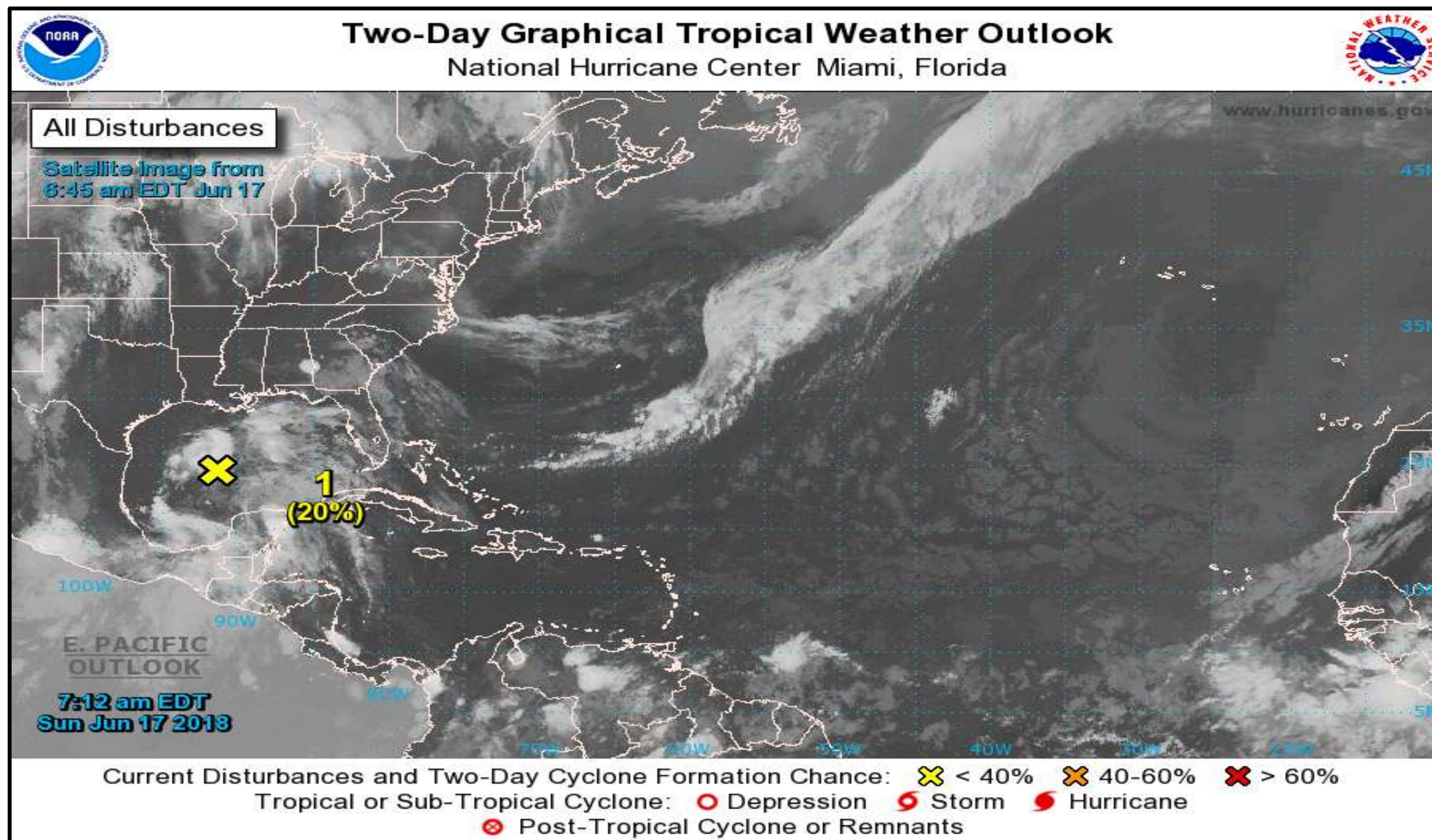
**With rainfall expected along the Texas coast today through at least mid-week and over S TX through the end of the week, a few river points may rise into minor flood stage where heavy rain occurs.**



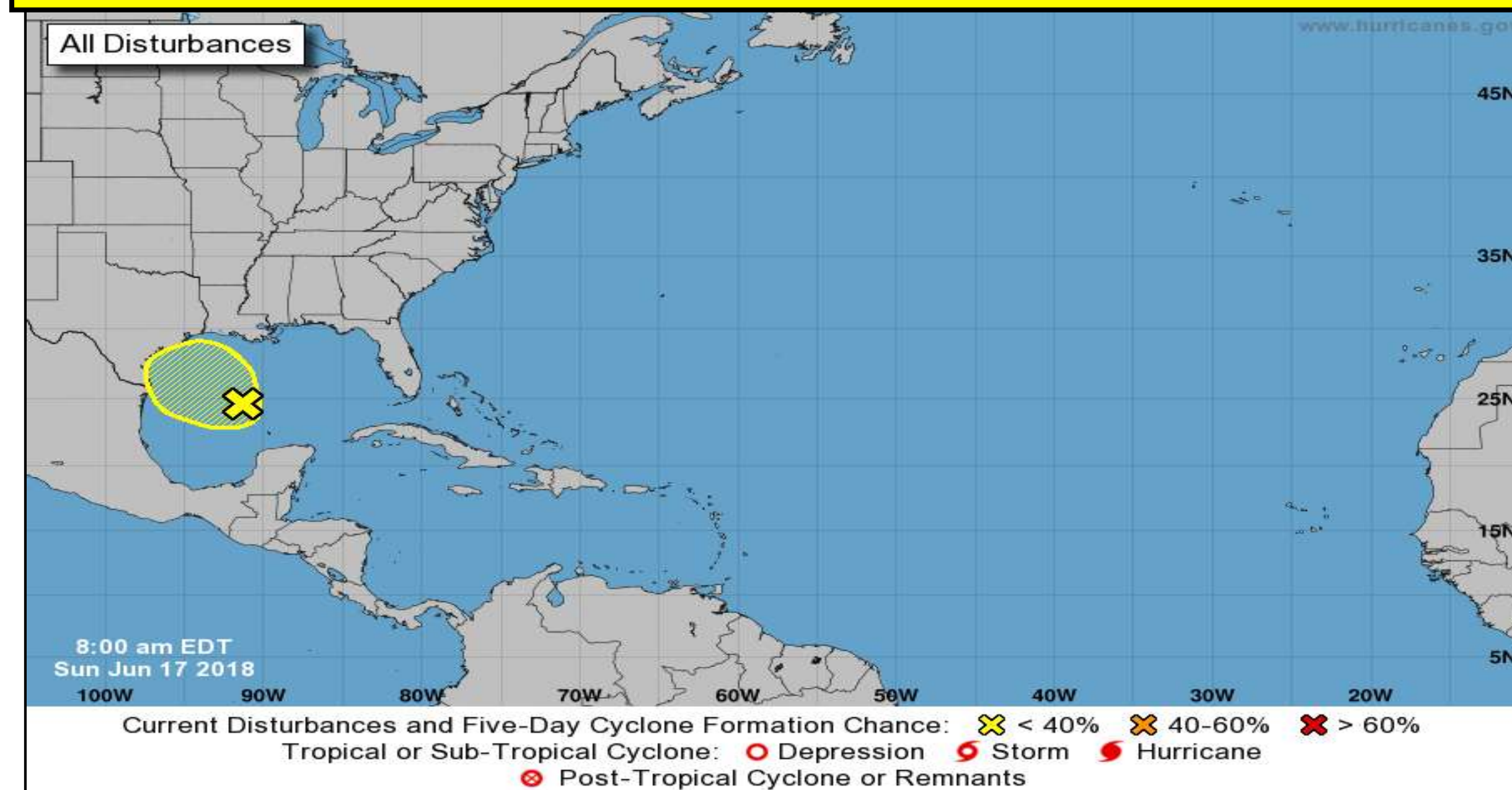
# Tropical Weather Outlook – Atlantic/Gulf



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The combination of a surface trough and an upper level low pressure system is producing a large but disorganized area of showers and thunderstorms over the west-central Gulf of Mexico. This system is producing strong gusty winds over the northern and northwestern Gulf. Environmental conditions do not support significant development, however, heavy rains and gusty winds are likely to continue across the NW Gulf of Mexico today. This activity will reach portions of the TX and SW LA coasts later today. Formation chance through 48 hours...low...20%. Formation chance through 5 days...low...20%.



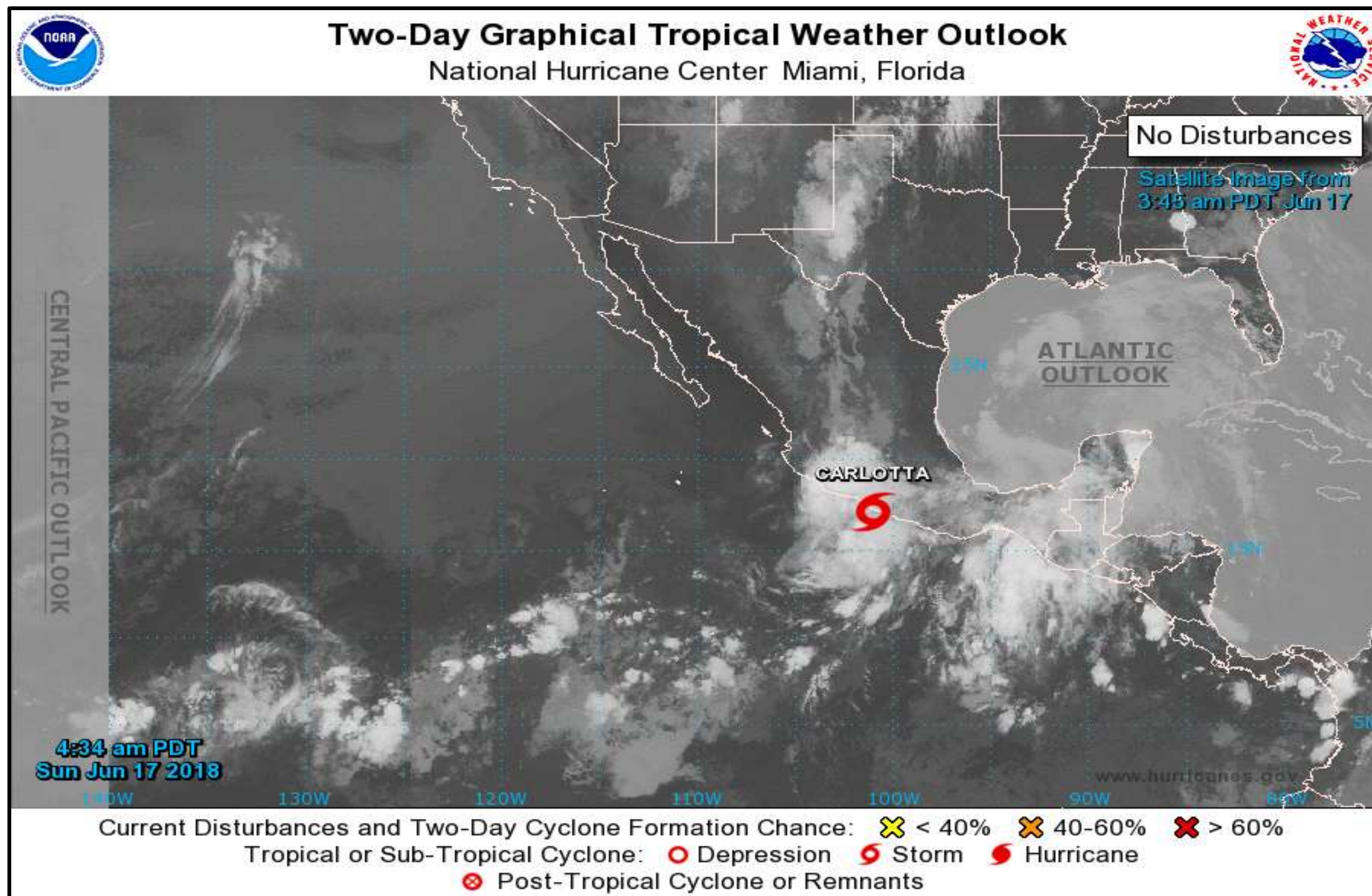
**This system is expected to bring heavy rain to the Texas Coast and SW LA today through Tuesday.**



# Tropical Weather Outlook – Eastern Pacific



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**Tropical Storm Carlotta is expected to slowly move inland today and weaken.**



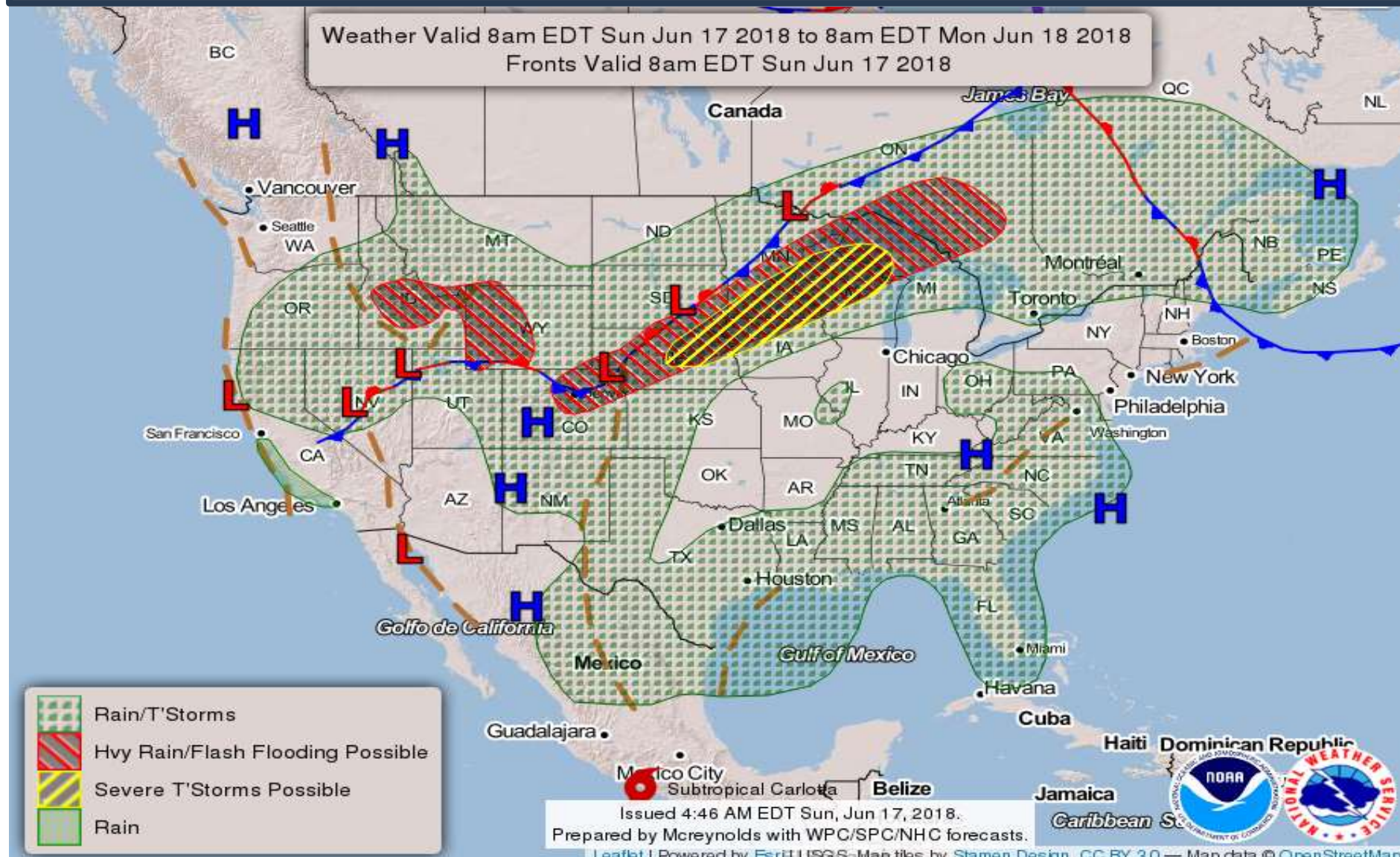


# Today's Weather



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## Forecast Chart



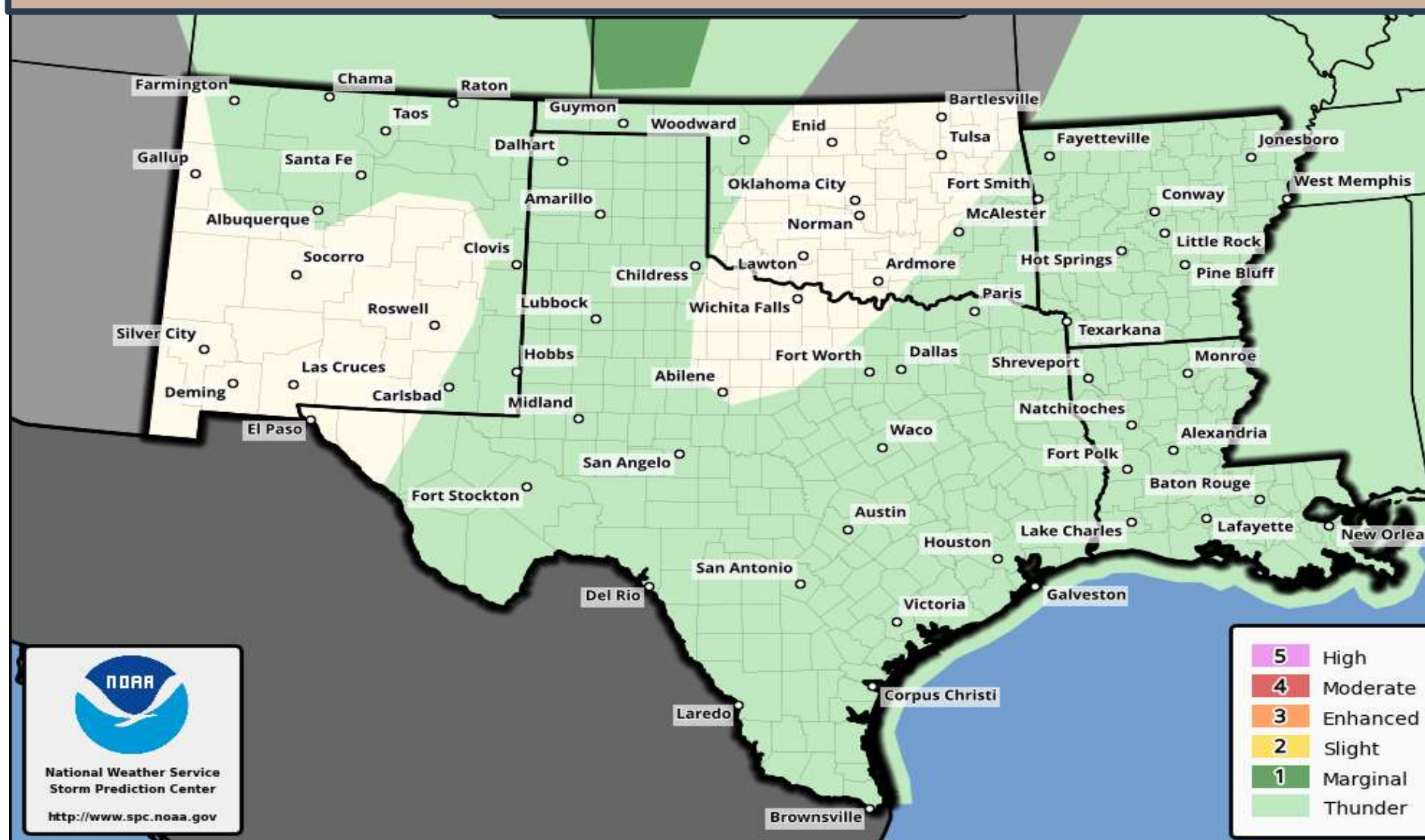
## Forecast Rainfall



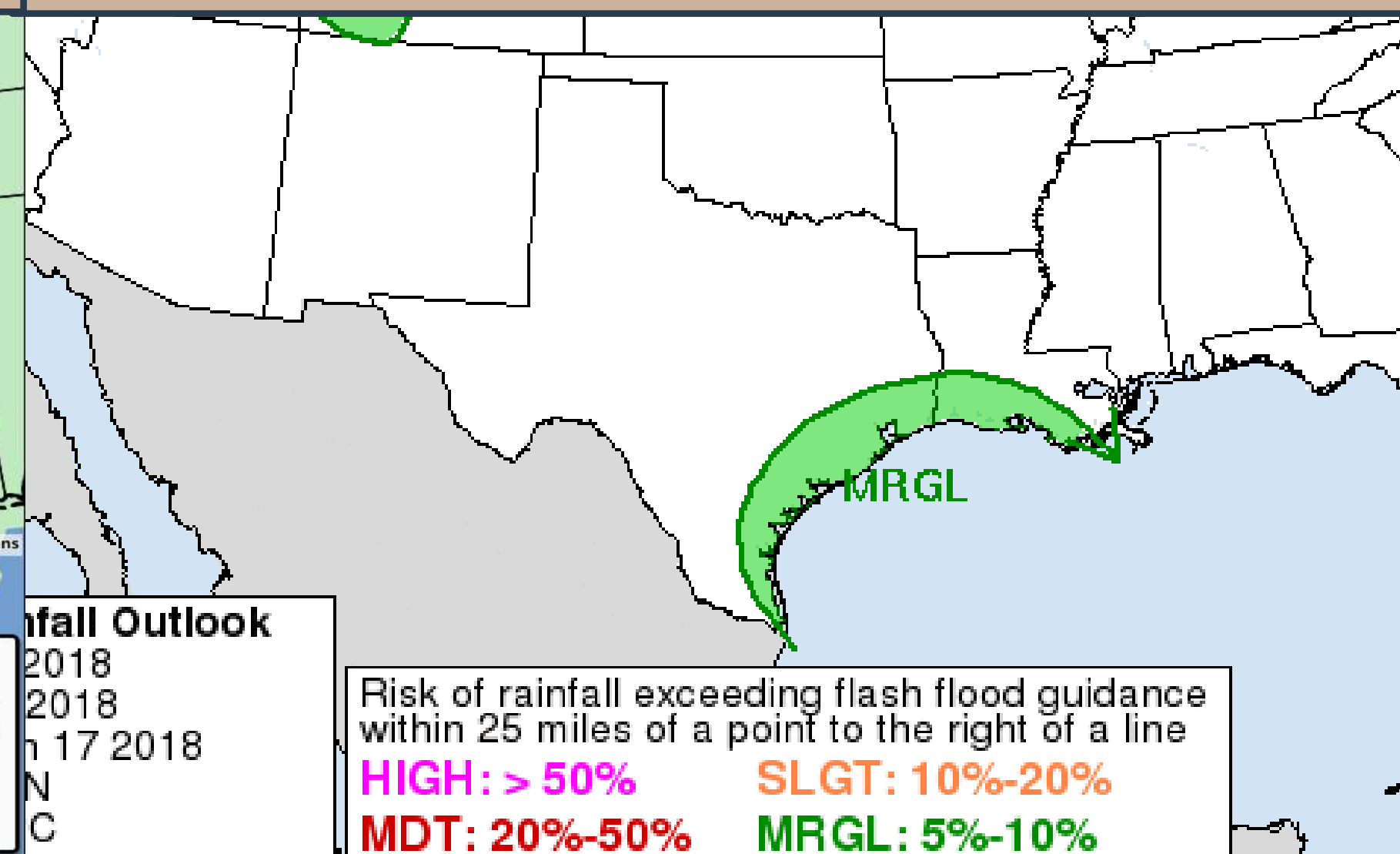
Isolated heavy rain/flash flooding remains possible over WTX this morning.

Some isolated heavy rain is possible along the TX Coast into the SW and Central LA Coast late tonight into Monday morning.

## Severe Weather Outlook



## Excessive Rainfall Outlook





# Watches, Warnings, and Advisories



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## Fire Weather



Graphic Created

## Severe Weather & Flooding



Graphic Created

**Flash Flood Watches remain  
in effect this morning over  
WTX.**

## Strong & Gusty Winds



Graphic Created

## Winter Weather



Graphic Created



# Tomorrow's Weather

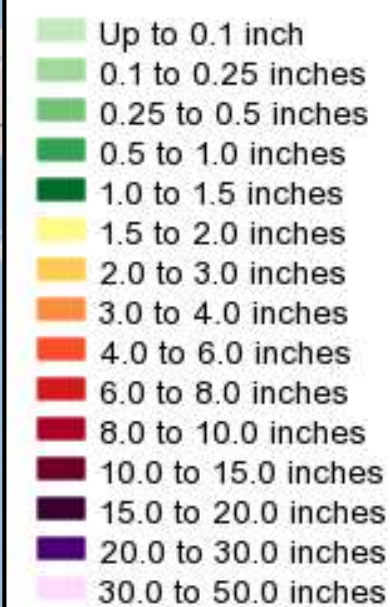
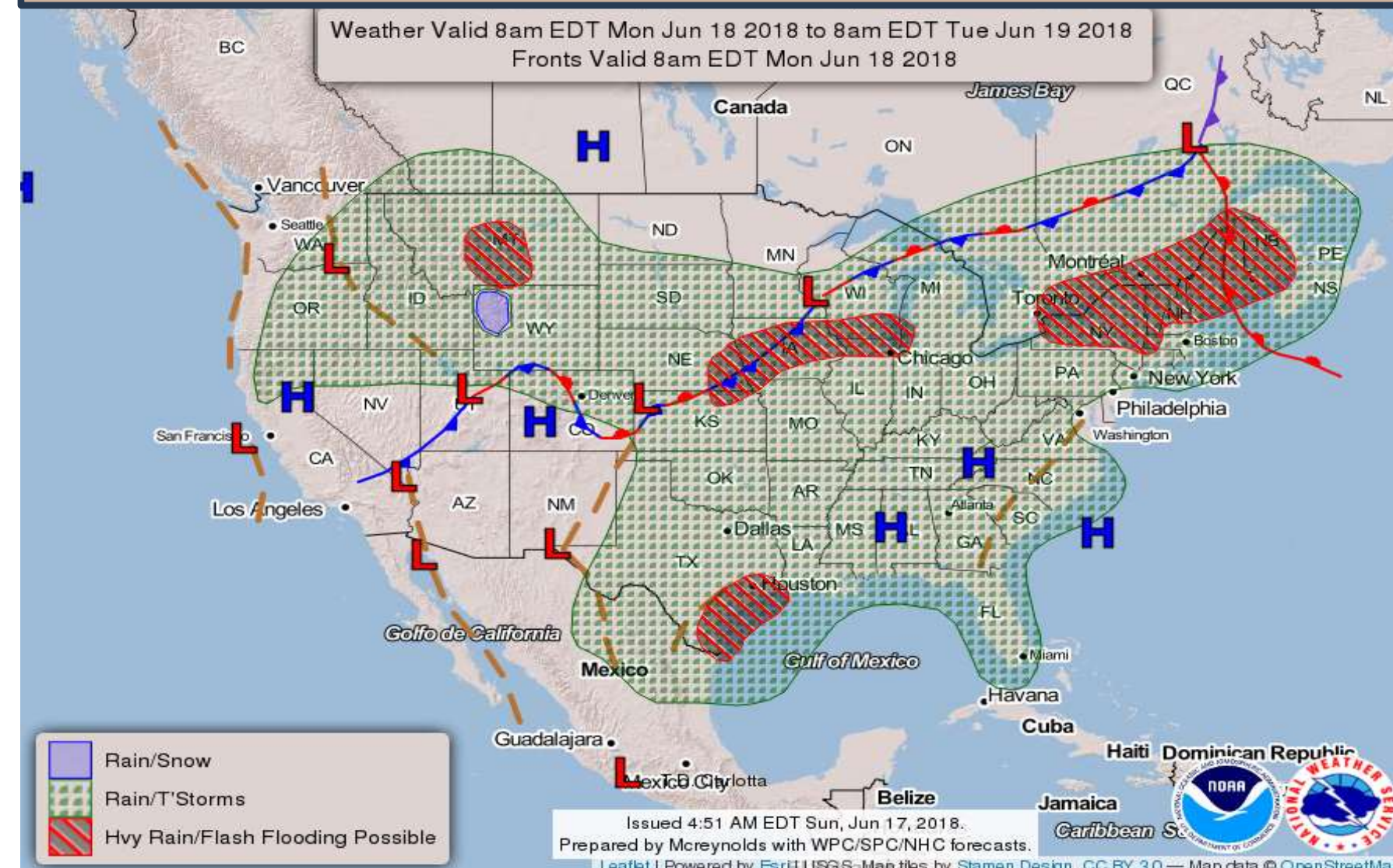


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## Forecast Chart

## Forecast Rainfall

**Isolated heavy rain/flash  
flooding possible along the TX  
Coast.**

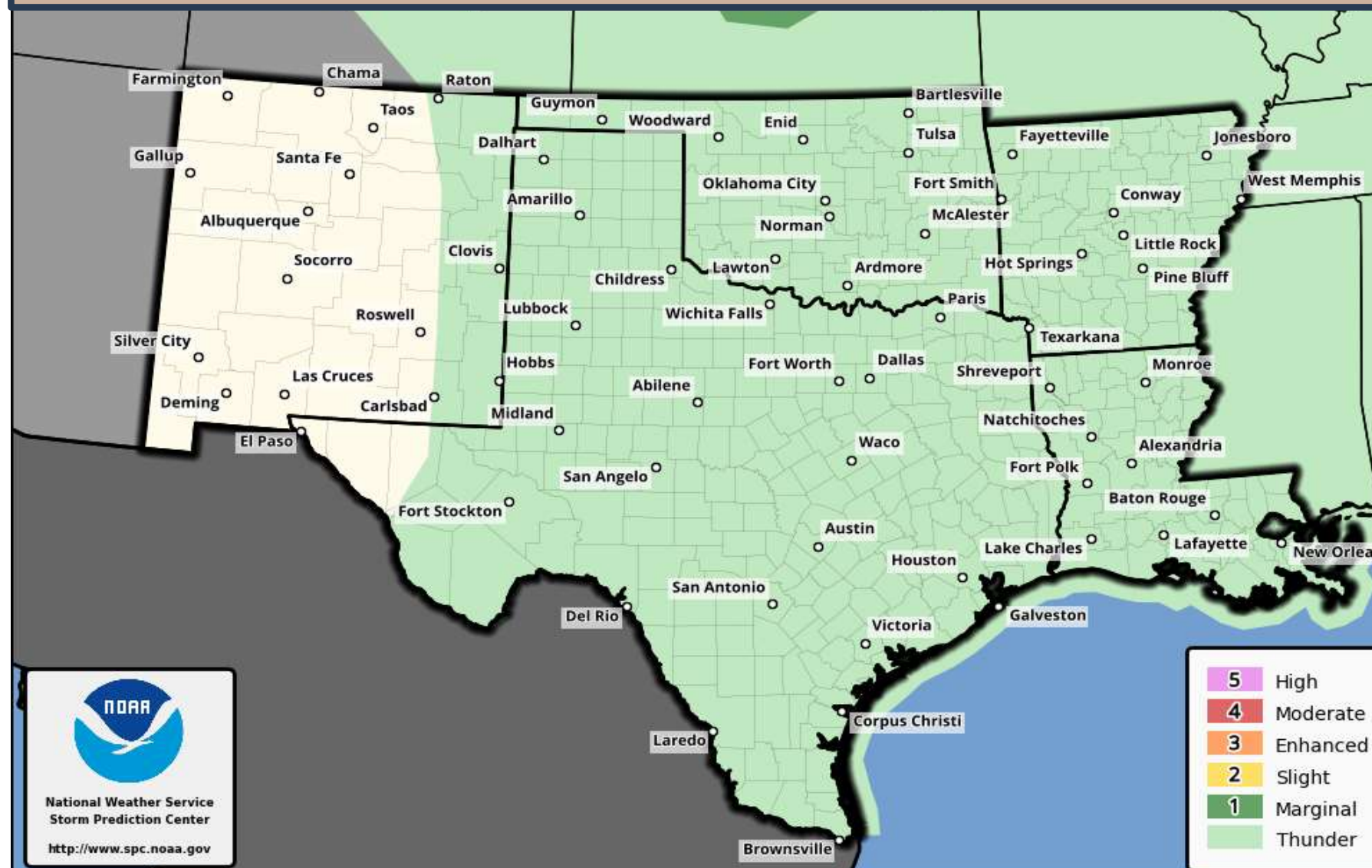


Graphic Created  
June 17th, 2018  
6:57 AM CDT



## Severe Weather Outlook

## Excessive Rainfall Outlook



Graphic Created  
June 17th, 2018  
6:57 AM CDT



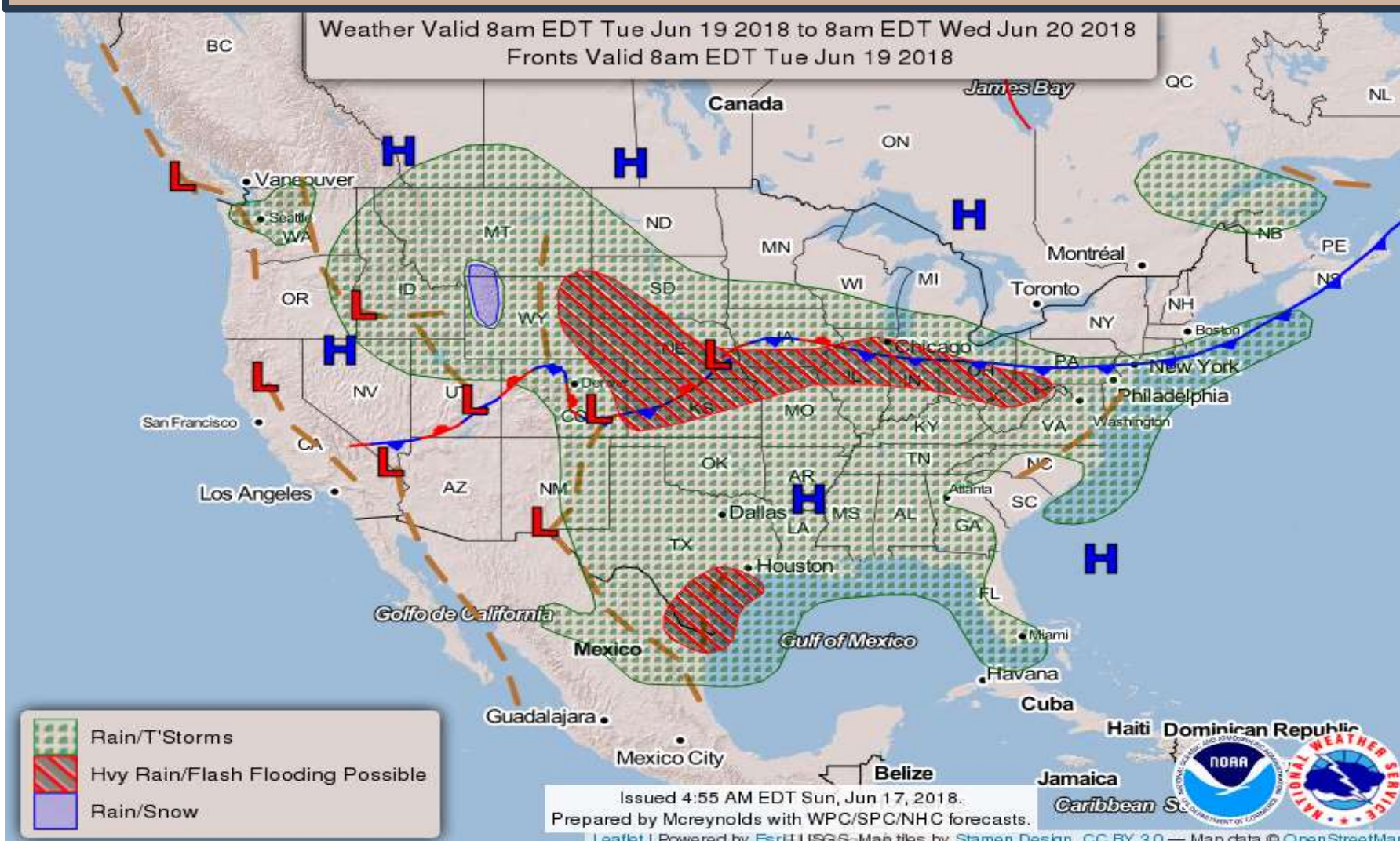


# Tuesday's Weather



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## Forecast Chart

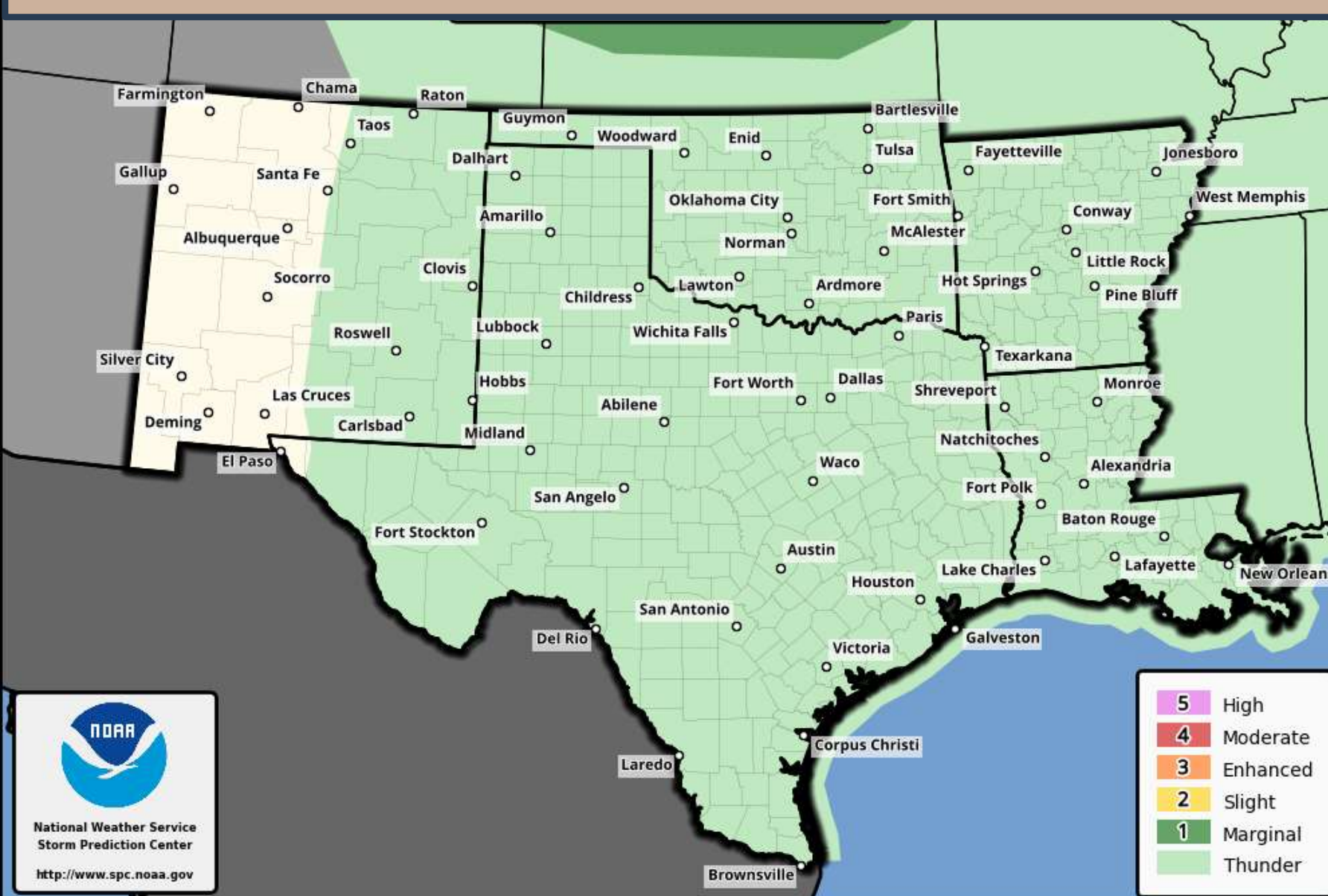


## Forecast Rainfall

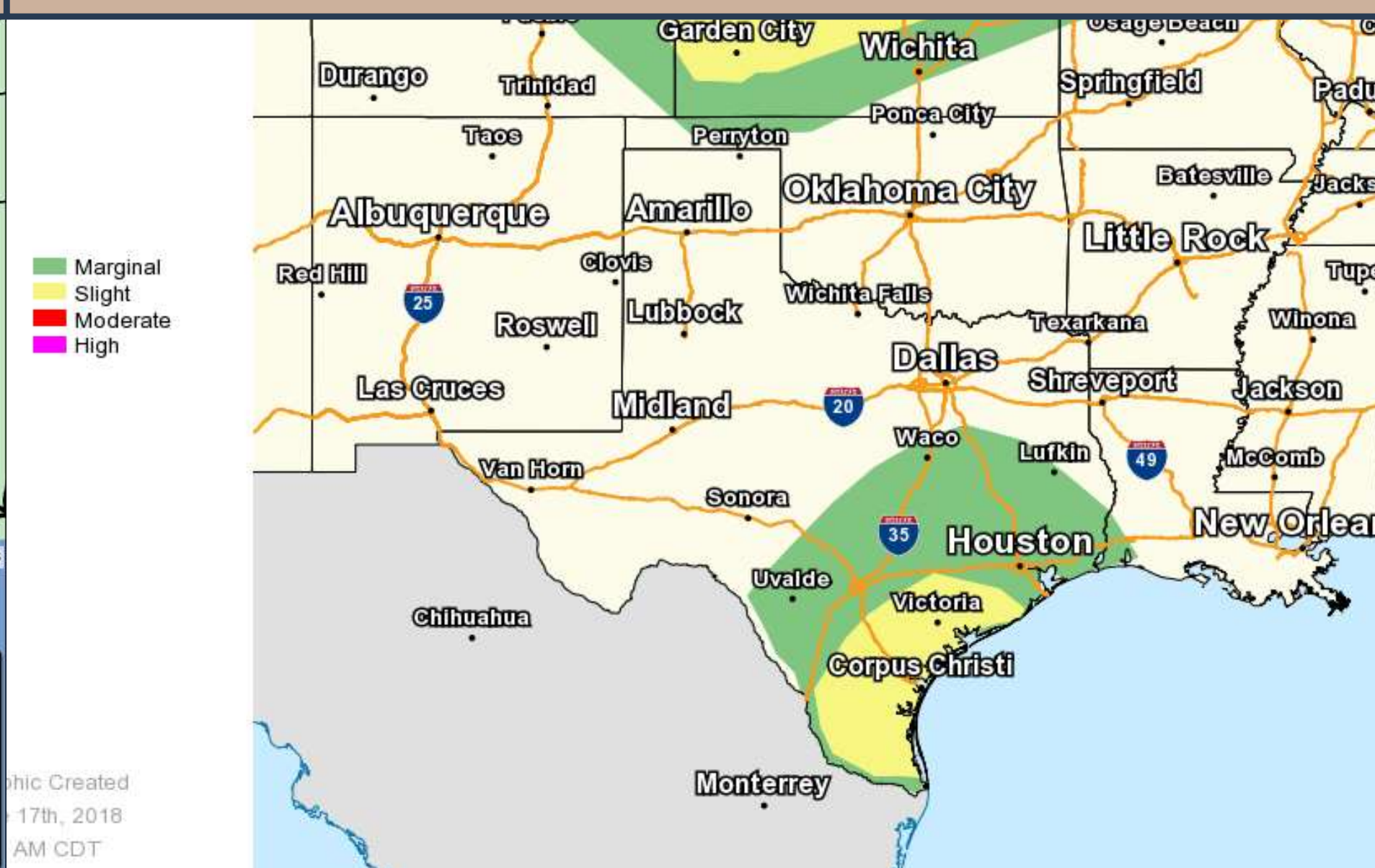


**Isolated heavy rain/flash  
flooding remains possible over  
STX through the Central TX  
Coast.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



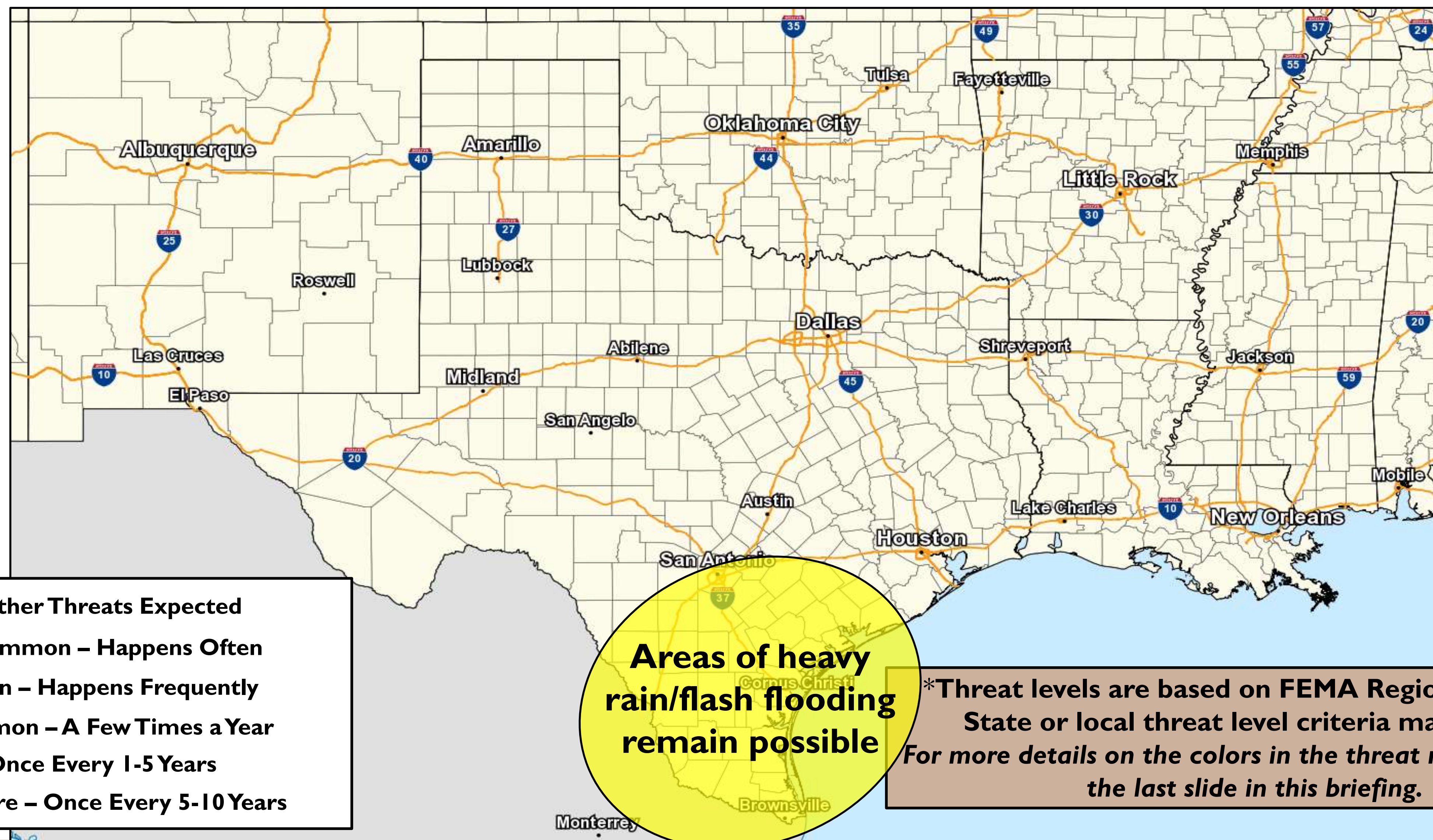


# Days 4-5 Weather Hazards

Wednesday - Thursday



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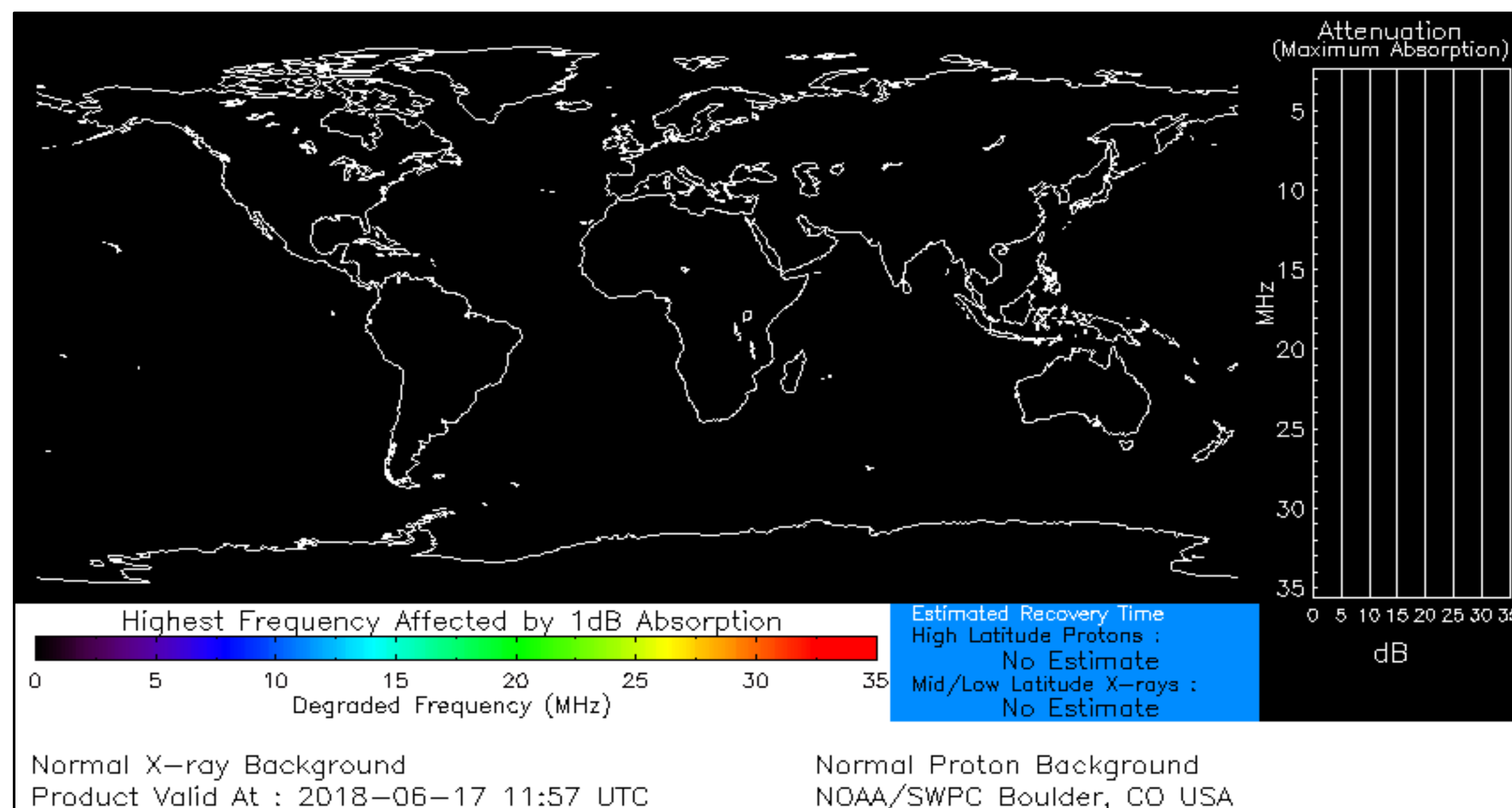


# Space Weather 3-Day Forecast



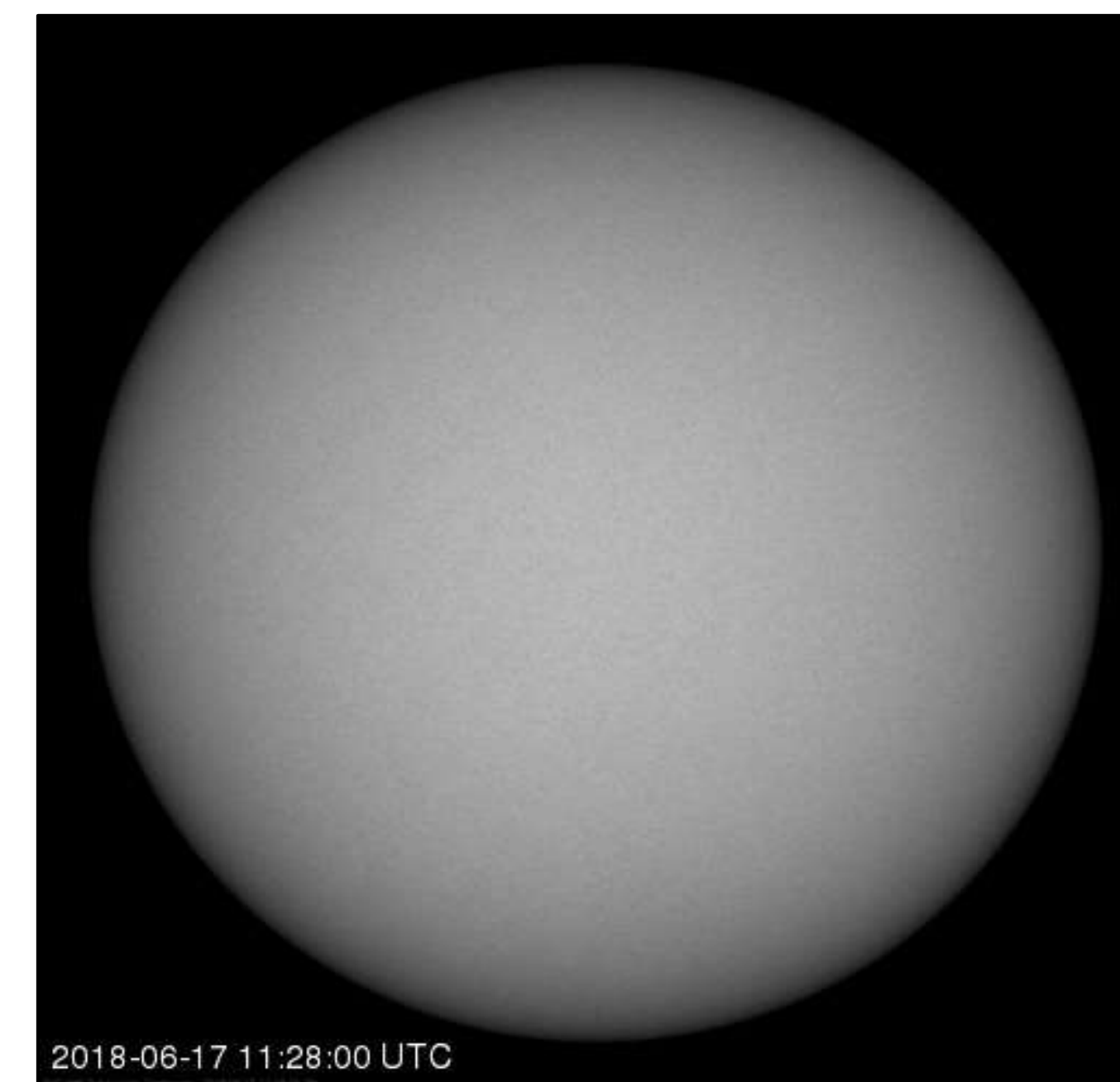
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	Sunday	Monday	Tuesday
<b>Geomagnetic Storms</b>	<b>Quiet to Unsettled (Max Kp = 3)</b>	<b>Quiet to Unsettled (Max Kp = 3)</b>	<b>Quiet (Max Kp = 2)</b>
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**